

PUZZLES

1. Catching Fish

If Five fishermen catch 5 fishes in 5 minutes, how long will it take fifty fishermen to catch fifty fish?

2. Look at the Division

One day professor Agarwal went to the blackboard and demonstrated to his astonished class that one half of eight was equal to three! What did the professor do?

3. How Big

Can you guess how big the number : ninth power nine?

4. Counting Street Lights

On two sides of a street, there are 35 street lights, each one is at a distance of 30 metres from the other. The street lights on one side are arranged so that each lamp fills a gap between the two other street lights on the opposite. How long is the street?

5. Who covered more distance

Two friends Vijay and Ajay walk with constant speed of 100m/min. Vijay takes rest for 1 min after walking 100metres while Ajay takes rest for 3 min after walking 300 metres on a square path of side 400m. Both of them start from the same corner in opposite direction. Who covered more distance and when they meet?

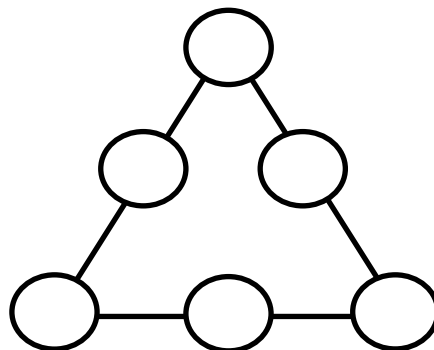
6. The missing Six

Place the six numbers below into empty circles, so that both the equation are true. Use each number once and only once.

(1)	(2)	(3)	(4)	(5)	(7)
○	+	○	=	○	
○	-	○	=	○	

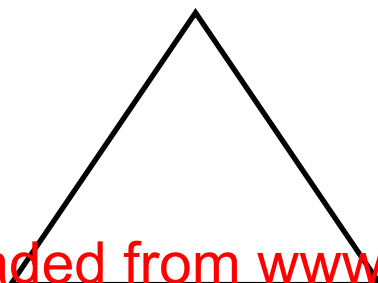
7. Magic Triangle

Place the numbers 4 through 9 in the circles in such a way that every side of the triangle add up to 21.



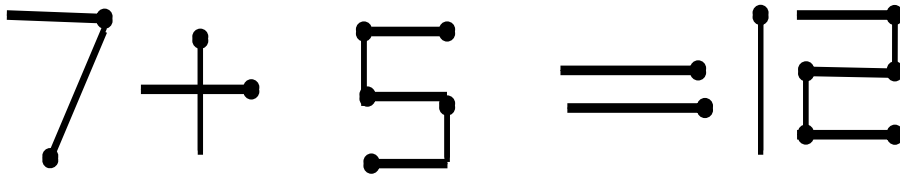
8. Add up

Here is an equilateral triangle. Add another equilateral triangle to it in such a way that you get five equilateral triangles.



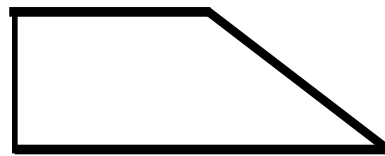
9. Magic Sticks

Just by moving one stick, make another equation.



10. Identical Four

Divide the adjoining figure into four identical pieces.



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